"Indian Script Code" for Information Interchange (ISCII) which can be used for computers and teleprinters. These codes address the requirements of the officially recognised Indian Languages apart from English. The draft specification has been circulated to concerned authorities for their technical observations before it is finalised.

(d) Replacement of the machines are not envisaged for introducing the Standard Code. In Personal Computers, Codes for Bilingual Data Processing can be implemented using specially designed hardware and software which are already available.

Scientific and Technical Manpower Utilisation

*685. DR. LAXMINARAYAN PANDEYA: Will the PRIME MINISTER be pleased to state:

(a) whether any study has been carried out for assessing Scientific and Technical manpower utilisation in basic research, engineering and technology; and

(b) if so, the salient recommendations made to improve the skilled manpower utilization?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) and (b). No, Sir. No such study has been carried out. However, a survey of degree holders and technical personnel has been conducted in 1981 alongwith Population Census. The Government have, from time to time taken measures to increase utilisation of scientific and technical manpower. Some of these measures are:-

i) Increase in outlay for science and technology sector in successive Five Year Plans;

ii) Creation of new scientific departments/organisations;

iii) Setting up of more centres of excellence/advanced studies in universities and academic institutions;

iv) Creation of core groups of professionals with necessary modern facilities required for pursuing reserved in new and frontier areas of science;

v) Delegation of enhanced administrative and financial powers to scientific institutions to improve working conditions of scientists.

Duplication of R & D Projects

*686. SHRI SANTOSH KUMAR GANGWAR: Will the PRIME MINISTER be pleased to state:

(a) whether the Government have conducted any study to assess the duplication in R & D projects being supported by various technical departments;

(b) if so, the details thereof; and

(c) the mechanism involved/proposed to ensure that there is no duplication of R & D Projects ?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS (SHRIMATI MARGARET ALVA): (a) to (c). The Government has made an analysis to assess duplication of R & D Projects being supported by various technical departments, in order to evolve an Integrated approach to promoting R & D activities.